



# Stormwater Division

## MEMORANDUM

**DATE:** July 22, 2014  
**TO:** Michael J. Gillis, Virginia Correctional Enterprises Document Management Services  
**FROM:** Jacob Smith, Stormwater Intern  
**PO:** 110426  
**RE:** Files Approved for Scanning

---

NAME PDF/SCANNED FILE:		BERKELEY MIDDLE SCHOOL	
BMP ID OR GEN FILE NUMBER:	N/A	OWNER NAME:	N/A
PIN:	N/A	SITE ADDRESS:	N/A
		LEGAL DESCRIPTION:	N/A

MAINTENANCE AGREEMENT IN FILE:	N/A	BOOK/PAGE OR DOCUMENT NO.:	N/A	OTHER DESCRIPTION:	N/A
--------------------------------------	-----	-------------------------------	-----	-----------------------	-----

BOX NO.:	1	COMMENTS:	SWMF INSPECTION



## CITY OF WILLIAMSBURG

Public Works & Utilities Department

---

April 25, 2014

General Services Department  
C/O Fran Geissler  
5320 Palmer Lane  
Suite 2-A  
Williamsburg VA 23188

Dear Fran Geissler:

On April 11<sup>th</sup>, City staff conducted an inspection of the stormwater management facilities (Parking Lot-Porous Pavement) constructed at the Berkeley Middle School on Ironbound Road and Strawberry Plains Road in Williamsburg. Enclosed is a copy of the inspection report, which indicates that the SWMF is in satisfactory condition and does not require any maintenance at this time. Annual inspections are performed on all SWMF's throughout the city. Thank you for your cooperation.

Sincerely,

Robert J. DeBellis  
SWM Supervisor

cc: Aaron Small, City Engineer

# SWMF Inspection Form

**Site** Berkeley Middle School  
Parking Lot

**Site ID** T-10-014

**SWMF** J53

**SWMF Type** General Infiltration Practices

**Inspector Name** Bob DeBellis

**Inspection Date** 4/11/2014

**Follow Up Action Required** No

**Notes:** Mailed to Fran Geissler of James City County on 4/25/2014.

Criteria	Sat/UnSat/NA	Comments
1. <b>Forebay</b> (> 50% filled with sediment = UNSAT and check ATTN required)	NA	
2. <b>Inlet(s)</b> (note signs of erosion, low spots)	Sat	
3. <b>Outlet</b> (note signs of erosion, damage, obstructions)	NA	
4. <b>Principal Spillway</b> (note signs of erosion, obstructions, seeping)	NA	
5. <b>Emergency Spillway</b> (note signs of erosion, obstructions)	NA	
7. <b>Safety Devices</b> (fences, gates, locks, etc.)	NA	
8. <b>Embankments</b> (note adequate ground cover, signs of erosion, woody vegetation, low spots, cracking, animal burrows, signs of instability)	NA	Parking Lot
9. <b>Structural Components</b> (note signs of settling, cracking, bulging, misalignment, or other deterioration)	Sat	
10. <b>Media</b> (note signs that media should be replaced)	Sat	

<b>11. Routine Maintenance</b> (Does facility require mowing, trash pickup?)	Sat	
<b>13. Vegetation</b> (Is vegetation healthy and providing appropriate cover? Note presence of unwanted vegetation.)	NA	
<b>14. Storage Volume</b> (note evidence of conditions that significantly reduce storage volume.)	NA	
<b>15. Debris / Sediment Accumulation</b> (note evidence of trash, floating/floatable debris, or sediment accumulation not otherwise noted. Note location.)	Sat	
<b>16. Standing Water</b> (Is there standing water in appropriate areas? Inappropriate areas?)	Sat	
<b>20. Other</b>	NA	

## Re-inspections

**From:** [Aaron Small](#)  
**To:** [Fran Geissler](#)  
**Cc:** [Alan Robertson](#)  
**Subject:** Emailing: 262.jpg, 263.jpg, inspectionForm.doc, 257.jpg, 258.jpg, 259.jpg, 260.jpg, 261.jpg  
**Date:** Monday, June 01, 2015 8:20:14 AM  
**Attachments:** [inspectionForm.doc](#)

---

Fran,

Attached are some pictures that Bob DeBellis took last month when he was inspecting the Berkeley MS big BMP at the rear of the property that outfalls to College Woods. The BMP itself is in pretty fair shape but the outfall channel is not. Thought you would want to put this in your list for the Schools.

Aaron

Your message is ready to be sent with the following file or link attachments:

262.jpg  
263.jpg  
inspectionForm.doc  
257.jpg  
258.jpg  
259.jpg  
260.jpg  
261.jpg

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

# SWMF Inspection Form

**Site** BERKELEY MIDDLE SCHOOL  
ADDITION

**Inspector Name** Bob DeBellis

**Site ID** T-98-009a

**Inspection Date** 4/27/2015

**Project ID**

**Project Description**

**SWMF** J22

**Follow-up Action  
Required** Yes

**SWMF  
Type** Extended Detention Basin

**Notes:** Mailed to Fran Geissler of James City County  
on 5/20/2015.

Criteria	Sat/UnSat/NA	Comments
<b>1. Forebay</b> (> 50% filled with sediment = UNSAT and check ATTN required)	NA	
<b>2. Inlet(s)</b> (note signs of erosion, low spots)	Sat	
<b>3. Outlet</b> (note signs of erosion, damage, obstructions)	Sat	
<b>4. Principal Spillway</b> (note signs of erosion, obstructions, seeping)	Sat	
<b>5. Emergency Spillway</b> (note signs of erosion, obstructions)	Unsat	Clear rip rap channel of fallen trees and weeds. (See pictures)
<b>6. Basin Bottom and Side Slopes</b> (note erosion, ground cover, woody vegetation)	Unsat	Remove fallen limbs in basin. (See pictures)
<b>7. Safety Devices</b> (fences, gates, locks, etc.)	Sat	
<b>8. Embankments</b> (note adequate ground cover, signs of erosion, woody vegetation, low spots, cracking, animal burrows, signs of instability)	Unsat	Remove all volunteer saplings growing on dam. (See pictures)
<b>9. Structural Components</b> (note signs of settling, cracking, bulging, misalignment, or other deterioration)	Sat	

<b>11. Routine Maintenance</b> (Does facility require mowing, trash pickup?)	Sat	
<b>12. Condition of Aquatic Environment</b> (note excessive algae, dominance of one vegetation type, evidence of non-stormwater discharges to facility, evidence of fish kill)	NA	
<b>13. Vegetation</b> (Is vegetation healthy and providing appropriate cover? Note presence of unwanted vegetation.)	Sat	
<b>14. Storage Volume</b> (note evidence of conditions that significantly reduce storage volume.)	Sat	
<b>15. Debris / Sediment Accumulation</b> (note evidence of trash, floating/floatable debris, or sediment accumulation not otherwise noted. Note location.)	Sat	
<b>16. Standing Water</b> (Is there standing water in appropriate areas? Inappropriate areas?)	Sat	
<b>17. Safety and Aquatic Bench</b>	NA	
<b>18. Side Slope Vegetation</b>	Sat	
<b>20. Other</b>	NA	

## Re-inspections

Action Required By	Actual Reinspection Date	Notes
7/24/2015		

# SWMF Inspection Form

**Site** BERKELEY MIDDLE  
SCHOOL ADDITION

**Inspector Name** Bob DeBellis

**Site ID** T-98-009a

**Inspection Date** 2/27/2013

**SWMF** J22

**Follow Up Action  
Required** No

**SWMF  
Type** Extended Detention Basin

**Notes:** No deficiencies observed. Mailed to Ed Qualtrough of Building Services on 3/18/2013.

Criteria	Sat/UnSat/NA	Comments
<b>1. Forebay</b> (> 50% filled with sediment = UNSAT and check ATTN required)	NA	
<b>2. Inlet(s)</b> (note signs of erosion, low spots)	Sat	
<b>3. Outlet</b> (note signs of erosion, damage, obstructions)	Sat	
<b>4. Principal Spillway</b> (note signs of erosion, obstructions, seeping)	Sat	
<b>5. Emergency Spillway</b> (note signs of erosion, obstructions)	Sat	
<b>6. Basin Bottom and Side Slopes</b> (note erosion, ground cover, woody vegetation)	Sat	
<b>7. Safety Devices</b> (fences, gates, locks, etc.)	Sat	
<b>8. Embankments</b> (note adequate ground cover, signs of erosion, woody vegetation, low spots, cracking, animal burrows, signs of instability)	Sat	
<b>9. Structural Components</b> (note signs of settling, cracking, bulging, misalignment, or other deterioration)	Sat	































**From:** [Jackie Silvia](#)  
**To:** [Pat Menichino](#)  
**Cc:** [Fran Geissler](#)  
**Subject:** Stormwater Inspection for Berkeley MS  
**Date:** Tuesday, March 26, 2013 11:26:39 AM

---

Pat: please see attachments from School Board office. Thanks. :)  
Jackie

-----Original Message-----

From: Whiteley, Elaine [<mailto:WhiteleyE@wjcc.k12.va.us>]  
Sent: Tuesday, March 26, 2013 11:18 AM  
To: Jackie Silvia  
Subject: Emailing: Picture 004.jpg, Picture 005.jpg, Picture 006.jpg, Picture 007.jpg, Picture 008.jpg, Picture 009.jpg, Picture 010.jpg

<<Picture 004.jpg>> <<Picture 005.jpg>> <<Picture 006.jpg>>  
<<Picture 007.jpg>> <<Picture 008.jpg>> <<Picture 009.jpg>>  
<<Picture 010.jpg>>

The message is ready to be sent with the following file or link attachments:

Picture 004.jpg  
Picture 005.jpg  
Picture 006.jpg  
Picture 007.jpg  
Picture 008.jpg  
Picture 009.jpg  
Picture 010.jpg

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.





## CITY OF WILLIAMSBURG

*Public Works & Utilities Department*

---

March 18, 2013

Mr. Ed Qualtrough:  
Building Services  
597 Jolly Pond Road  
Williamsburg VA 23185

Dear Ed Qualtrough:

On February 27<sup>th</sup>, City staff conducted an inspection of the stormwater management facilities constructed at the Berkeley Middle School on Ironbound Road and Strawberry Plains Road in Williamsburg. Enclosed is a copy of the inspection report, which indicates that some maintenance of the facilities should be performed to insure that it operates properly.

Please review the inspection report and make arrangements to have the problems corrected within 60 days. If there are any items that you would like to discuss, please give me a call at (757) 220-6231.

When you have the maintenance work completed, please notify me so that the City can do a re-inspection of the facilities. Thank you for your cooperation.

Sincerely,

Robert J. DeBellis  
SWM Supervisor

cc: Steve Martin, City Engineer

# SWMF Inspection Form

**Site** BERKELEY MIDDLE SCHOOL  
ADDITION

**Inspector Name** Bob DeBellis

**Site ID** T-98-009b

**Inspection Date** 2/27/2013

**SWMF** J23

**Follow Up Action  
Required** Yes

**SWMF  
Type** Detention Basin

**Notes:** Mailed to Ed Qualtrough of Building Services  
on 3/18/2013.

Criteria	Sat/UnSat/NA	Comments
<b>1. Forebay</b> (> 50% filled with sediment = UNSAT and check ATTN required)	NA	
<b>2. Inlet(s)</b> (note signs of erosion, low spots)	Unsat	Remove built up debris and sediments in gutter pan and on swales at both inlets. (See pictures)
<b>3. Outlet</b> (note signs of erosion, damage, obstructions)	Sat	
<b>4. Principal Spillway</b> (note signs of erosion, obstructions, seeping)	Sat	
<b>5. Emergency Spillway</b> (note signs of erosion, obstructions)	Sat	
<b>6. Basin Bottom and Side Slopes</b> (note erosion, ground cover, woody vegetation)	Sat	
<b>7. Safety Devices</b> (fences, gates, locks, etc.)	NA	
<b>8. Embankments</b> (note adequate ground cover, signs of erosion, woody vegetation, low spots, cracking, animal burrows, signs of instability)	Sat	

<b>11. Routine Maintenance</b> (Does facility require mowing, trash pickup?)	Sat	
<b>12. Condition of Aquatic Environment</b> (note excessive algae, dominance of one vegetation type, evidence of non-stormwater discharges to facility, evidence of fish kill)	NA	
<b>13. Vegetation</b> (Is vegetation healthy and providing appropriate cover? Note presence of unwanted vegetation.)	Sat	
<b>14. Storage Volume</b> (note evidence of conditions that significantly reduce storage volume.)	Sat	
<b>15. Debris / Sediment Accumulation</b> (note evidence of trash, floating/floatable debris, or sediment accumulation not otherwise noted. Note location.)	Sat	
<b>16. Standing Water</b> (Is there standing water in appropriate areas? Inappropriate areas?)	Sat	
<b>17. Safety and Aquatic Bench</b>	NA	
<b>18. Side Slope Vegetation</b>	Sat	
<b>20. Other</b>	NA	

## Re-inspections

<b>9. Structural Components</b> (note signs of settling, cracking, bulging, misalignment, or other deterioration)	Sat	
<b>11. Routine Maintenance</b> (Does facility require mowing, trash pickup?)	Sat	
<b>12. Condition of Aquatic Environment</b> (note excessive algae, dominance of one vegetation type, evidence of non-stormwater discharges to facility, evidence of fish kill)	NA	
<b>13. Vegetation</b> (Is vegetation healthy and providing appropriate cover? Note presence of unwanted vegetation.)	Sat	
<b>14. Storage Volume</b> (note evidence of conditions that significantly reduce storage volume.)	Sat	
<b>15. Debris / Sediment Accumulation</b> (note evidence of trash, floating/floatable debris, or sediment accumulation not otherwise noted. Note location.)	Unsat	Remove built up sediment on inlet flaired end section and in basin flow line. (See pictures)
<b>16. Standing Water</b> (Is there standing water in appropriate areas? Inappropriate areas?)	Sat	
<b>17. Safety and Aquatic Bench</b>	NA	
<b>18. Side Slope Vegetation</b>	Sat	
<b>20. Other</b>	NA	

## Re-inspections

Action Required By	Actual Reinspection Date	Notes
5/20/2013		





